

## INTERNATIONAL SEARCH REPORT

International application No

PCT/US04/25447

## A CLASSIFICATION OF SUBJECT MATTER

IPC(7) HOI 35/08

US CL 378/57, 62, 119, 120, 143, 376/157; 250/ 398, 313/363 1

According to International Patent Classification (IPC) or to both national classification and IPC

## B FIELDS SEARCHED

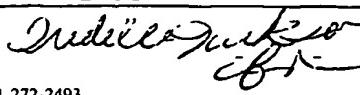
Minimum documentation searched (classification system followed by classification symbols)

U S 378/57, 62, 119, 120, 143, 376/157; 250/ 398, 313/363.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NoneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 6,215,851 B1 (MEILUNAS et al) 10 April 2001 (10.04.2001), column 3, line 49 - column 4, line 22 and column 5, lines 16-38. | 1-8, 10, 11 and 14-17 |
| Y          |   | -----<br>22-24 and 27 |
| Y          | US 5,784,430 A (SREDNIA WSKI et al) 21 July 1998 (21.07.1998), column 4, lines 40-64.   | 22-24 and 27          |
| A          | US 5,124,554 A (FOWLER et al) 23 June 1992 (23.06.1992), see entire document  | 1-27                  |
| A          | US 5,278, 418 A (BROADHURST et al) 11 January 1994 (11.01.1994) see entire document   | 1-27                  |

| D   | Further documents are listed in the continuation of Box C <input type="checkbox"/> | See patent family annex  |
|---|--|--|
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| Date of the actual completion of the international search   |  | Date of mailing of the international search report   |
| 04 March 2005 (04.03.2005)  |  | 01 JAN 2006  |
| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn ISA/US<br>Commissioner for Patents<br>P O Box 1450<br>Alexandria, Virginia 223 13-1450<br>Facsimile No (703) 305-3230 | Auth. Officer<br>Irakli Kiknadze<br>Telephone No 571-272-2493                      |   |

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International application No  
PCT/US04/25447

Continuation of B FIELDS SEARCHED Item 3  
EAST  
search terms high current proton beam target, gamma ray absorption detection